



S/N 10/542,159

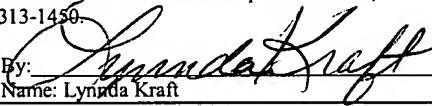
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Petersen et al.	Examiner:	UNASSIGNED
Serial No.:	10/542,159	Group Art Unit:	1645
Filed:	July 12, 2005	Docket No.:	09663.0061USWO
Conf. No.:	8924	Customer No.:	23552
Title:	LIGHT INDUCED IMMOBILISATION		

CERTIFICATE UNDER 37 CFR 1.10:
"Express Mail" mailing label number: EV639589805 US
Date of Deposit: November 1, 2005

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

By: 
Name: Lynnda Kraft

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. §1.98(a)(2). Because this application was filed after June 30, 2003, copies of the U.S. Patents and U.S. patent publications listed on the enclosed Form 1449 are not provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a

reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903

Date: 1 November 2005

Denise M Kettelberger

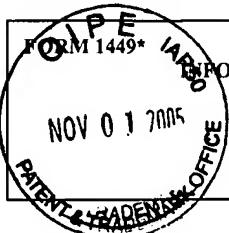
Denise Kettelberger, Ph.D.

Reg. No. 33,924

DMK:lek



INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>			Docket Number: 09663.0061USWO	Application Number: 10/542,159
			Applicant: Petersen et al.	
			Filing Date: July 12, 2005	Group Art Unit: 1645



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,959,078	05/25/1976	Guire	195	63	05/18/1973
	5,412,087	05/02/1995	McGall <i>et al.</i>	536	24.3	04/24/1992
	6,350,368	02/26/2002	Willner <i>et al.</i>	205	777.5	06/30/1999
	6,406,844 B1	06/18/2002	Pirrung <i>et al.</i>	435	6	06/01/1995
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
	WO 91/16425	10/31/1991	WIPO			
	WO 94/01773	01/20/1994	WIPO			
	WO 96/31557	10/10/1996	WIPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
		Andolfi <i>et al.</i> , 2002, <i>Archives of Biochemistry and Biophysics</i> , 399(1):81-88 "A Poplar Plastocyanin Mutant Suitable for Adsorption onto Gold Surface via Disulfide Bridge"				
		Aybay, 2003, <i>Immunology</i> , 85:231-235 "Differential binding characteristics of protein G and protein A for Fc fragments of papain-digested mouse IgG"				
		Berman <i>et al.</i> , 2000, <i>Nucleic Acids Research</i> , 28(1):235-242 "The Protein Data Bank"				
		Collioud <i>et al.</i> , 1993, <i>Bioconjugate Chem.</i> , 4:528-536 "Oriented and Covalent Immobilization of Target Molecules to Solid supports: Synthesis and Application of a Light-Activatable and Thiol-Reactive Cross-Linking Reagent"				
		Dose, 1968, <i>Photochemistry and Photobiology</i> , 8:331-335 "RESEARCH NOTE - The Photolysis of Free Cystine in the Presence of Aromatic Amino Acids"				
		Ellman, 1959, <i>Archives of Biochemistry and Biophysics</i> , 82:70-77 "Tissue Sulfhydryl Groups"				
		Guex <i>et al.</i> , 1997, <i>Electrophoresis</i> , 18:2714-2723 "SWISS-MODEL and the Swiss-PdbViewer: An environment for comparative protein modeling"				
		Hong <i>et al.</i> , 2001, <i>Biochemical Society Transactions</i> , 29(4):578-582 "Assembly of pore proteins on gold electrodes"				

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 09663.0061USWO	Application Number: 10/542,159
	Applicant: Petersen et al.	
	Filing Date: July 12, 2005	Group Art Unit: 1645

	Hu, 1994, <i>Methods in Enzymology</i> , 233:380-385 "Measurement of Protein Thiol Groups and Glutathione in Plasma"
	Johnsson et al., 1991, <i>Analytical Biochemistry</i> , 198:268-277 "Immobilization of Proteins to a Carboxymethylated Gold Surface for Biospecific Interaction Analysis in Surface Plasmon Resonance Sensors"
	Mathews et al., 1996, <i>Biochemistry</i> , (BOOK) 2nd edition, Benjamin/Cummings Publishing Company, Inc. ISBN 0-8053-3931-0 - Copy not included, pages submitted upon request.
	Neves-Peterson et al., 1999, <i>Protein Engineering</i> , 12(7):535-548 "Amino acid neighbours and detailed conformational analysis of cysteines in proteins"
	Neves-Petersen et al., 2002, <i>Protein Science</i> , 11:588-600 "High probability of disrupting a disulphide bridge mediated by an endogenous excited tryptophan residue"
	Prompers et al., 1999, <i>FEBS Letters</i> , 456:409-416 "Tryptophan mediated photoreduction of disulfide bond causes unusual fluorescence behaviour of <i>Fusarium solani pisi</i> cutinase"
	Soliday et al., 1983, <i>Biochemical and Biophysical Research Communications</i> , 114(3):1017-1022 "Primary Structure of the Active Site Region of Fungal Cutinase, an Enzyme Involved in Phytopathogenesis"
	Sweeny et al., 2000, <i>Analytical Biochemistry</i> , 286:312-314 "A Highly Active Immobilized Ribonuclease"
	Vanhooren et al., 2002, <i>Biochemistry</i> , 41:11035-11043 "Photoexcitation of Tryptophan Groups Induces Reduction of Two Disulfide Bonds in Goat α -Lactalbumin"
	Veilleux et al., 1996, <i>IVD Technology Magazine</i> , http://www.devicelink.com/ivdt/archive/96/03/005.html "Covalent immobilization of molecules to preactivated surfaces"
	Wilson et al., 2001, <i>Current Opinion in Chemical Biology</i> , 61:81-85 "Functional protein microarrays"



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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	